

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 8685936   |
| <b>Application Number:</b>                  | 10587088  |
| <b>International Application Number:</b>    |   |
| <b>Confirmation Number:</b>                 | 9535  |
| <b>Title of Invention:</b>                  | Method for Producing Optically Active Hydroxymethylated Compounds |
| <b>First Named Inventor/Applicant Name:</b> | Shu Kobayashi   |
| <b>Customer Number:</b>                     | 25297   |
| <b>Filer:</b>                               | Christopher Putnam Perkins/Carly Martin                           |
| <b>Filer Authorized By:</b>                 | Christopher Putnam Perkins  |
| <b>Attorney Docket Number:</b>              | 1680/54   |
| <b>Receipt Date:</b>                        | 22-OCT-2010   |
| <b>Filing Date:</b>                         | 21-JUL-2006   |
| <b>Time Stamp:</b>                          | 16:38:29  |
| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371                              |

### Payment information:

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|--|-----------------|
| Submitted with Payment                   | yes             |
| Payment Type                             | Deposit Account |
| Payment was successfully received in RAM | \$180           |
| RAM confirmation Number                  | 3226            |
| Deposit Account                          | 500426          |
| Authorized User                          |                 |

### File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part/.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|---------------------------------|-----------------|------------------|
|                 |                      |           |                                 |                 |                  |

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|--|--|----------------|--|-----|---|
| 1  |  | IDSasfiled.pdf | 482954<br>d2aabb49c466e6b4800ed430be910037e10a<br>e8f1 | yes | 5 |
| <b>Multipart Description/PDF files in .zip description</b> |  |                |  |     |   |
| <b>Document Description</b>                                |  | <b>Start</b>   | <b>End</b>   |     |   |
| Transmittal Letter   |  | 1              | 2  |     |   |
| Information Disclosure Statement (IDS) Filed (SB/08)       |  | 3              | 5  |     |   |

**Warnings:****Information:**

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|---|-------------------|---------------|--|----|---|
| 2 | Foreign Reference | JP6256248.pdf | 617857<br>9c2f8b7078b6c948d9126d57916d58651<br>13dc5 | no | 8 |
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| 3 | Foreign Reference | JP2002-200428.pdf | 283113<br>5202567100671fd3ec09811c379451517<br>9d1c | no | 6 |
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| 4 | Foreign Reference | WO2005-073156.pdf | 613713<br>0810a1c7170ba2a5cf58d557b0805f71<br>05a9a | no | 18 |
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| 5 | Foreign Reference | WO2006-080425.pdf | 703575<br>cc0de11a7c0b22a07c0e0015fd2a91cfef<br>8336 | no | 19 |
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| 6 | NPL Documents | Casas.pdf | 214081<br>e3900997427f7cfc792a8fa5cf115e97d2d<br>63a3 | no | 3 |
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| 7 | NPL Documents | ESR02-04-2009.pdf | 123426<br>502889a6bb7c94db48d9798d657d817<br>589d | no | 3 |
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| 8 | NPL Documents | IPR03-29-2006.pdf | 109725<br>d996a84d851993f79d52bc458aa20f19f<br>a761 | no | 3 |
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| <b>Warnings:</b>    |               |                    |  |    |    |
| <b>Information:</b> |               |                    |  |    |    |
| 9                   | NPL Documents | IPRP07-31-2007.pdf | 129723<br>e/1e86939544165380394d713697562c1<br>1f31    | no | 4  |
| <b>Warnings:</b>    |               |                    |  |    |    |
| <b>Information:</b> |               |                    |  |    |    |
| 10                  | NPL Documents | ISR01-27-2006.pdf  | 122431<br>7366711803d2b6b273x51f0460d0403e9<br>2339    | no | 2  |
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| 11                  | NPL Documents | ISR04-26-2005.pdf  | 155752<br>2d4b3c3a24cb6d2f4f34fb31d9c803a58c4fc<br>2a1 | no | 4  |
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| 12                  | NPL Documents | Kaku.pdf           | 426751<br>44753ba128290f982a97d7b1b61d3<br>26be75      | no | 5  |
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| 13                  | NPL Documents | Kobayashi1.pdf     | 244151<br>2270a3362963d0d1405a9c3ee86210879c<br>c0e3c  | no | 3  |
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| <b>Information:</b> |               |                    |  |    |    |
| 14                  | NPL Documents | Kobayashi2.pdf     | 180670<br>260b0c9e7f176c8aaf13795597d2d4c9<br>f1a6     | no | 4  |
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| 15                  | NPL Documents | Kumar.pdf          | 801330<br>540a01ded4f1a2ef511797d420f4033fc<br>c0fa    | no | 10 |
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| 16                  | NPL Documents | Kuwano.pdf         | 137415<br>d28995b9b0800bd92c3d07a6bd126f1<br>0964      | no | 2  |
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| 17                  | NPL Documents | NOA03-20-2009.pdf  | 252771<br>2a1895f663c702c18bed4e01709550f998c7<br>ae33 | no | 4  |

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| <b>Warnings:</b>                    |                         |                    |   |    |         |
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| 18                                  | NPL Documents           | OA11-26-2008.pdf   | 131316<br>0664d23b408fb2258/c2a670087a6142<br>57ad14    | no | 4       |
| <b>Warnings:</b>                    |                         |                    |   |    |         |
| <b>Information:</b>                 |                         |                    |   |    |         |
| 19                                  | NPL Documents           | Reynolds.pdf       | 181958<br>990c845fc5/c75df0118701ee6b1b4b6<br>2eb7      | no | 2       |
| <b>Warnings:</b>                    |                         |                    |   |    |         |
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| 20                                  | NPL Documents           | Wada.pdf           | 394674<br>042473126ec6178d193fc53e00aa0de5a<br>01768    | no | 8       |
| <b>Warnings:</b>                    |                         |                    |   |    |         |
| <b>Information:</b>                 |                         |                    |   |    |         |
| 21                                  | NPL Documents           | Wadamoto.pdf       | 163967<br>a110da7377cc318c7cd4991dc958f70d9<br>25bb2    | no | 3       |
| <b>Warnings:</b>                    |                         |                    |   |    |         |
| <b>Information:</b>                 |                         |                    |   |    |         |
| 22                                  | NPL Documents           | WrittenOpinion.pdf | 90401<br>d659757a57617981bc0861e69232e93fb93<br>79289   | no | 3       |
| <b>Warnings:</b>                    |                         |                    |   |    |         |
| <b>Information:</b>                 |                         |                    |   |    |         |
| 23                                  | NPL Documents           | Wu.pdf             | 690102<br>dd7470dc0a694b6efac7eb4b923b6e4246c8<br>1e632 | no | 9       |
| <b>Warnings:</b>                    |                         |                    |   |    |         |
| <b>Information:</b>                 |                         |                    |   |    |         |
| 24                                  | Fee Worksheet (PTO-875) | fee-info.pdf       | 30134<br>8861558f114a93193ec2dd489c3ae7e01<br>bb44      | no | 2       |
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| <b>Total Files Size (in bytes):</b> |                         |                    |   |    | 7281990 |

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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